

论文

双炔失碳酯对家兔抗生育效应及血浆孕酮水平的影响

顾锡根

上海市计划生育科学研究所

摘要:

抗孕-53对家兔有明显的抗生育作用,在抗着床实验中,血浆孕酮水平无明显变化。这表明抗着床机理并非通过抑制黄体发育,而可能影响孕卵的运行和发育;抗孕-53对早孕家兔的血浆孕酮水平有明显的抑制作用,使血浆孕酮水平急速下降,说明黄体功能受到抑制并产生溶黄体作用导致妊娠终止。

关键词: 妊娠 抗着床 抗早孕 双炔失碳酯 孕酮 溶黄体

THE ANTI-FERTILITY ACTION OF ANORDRIN AND ITS EFFECT ON PLASMA LEVELS OF PROGESTERONE IN RABBITS

GU Xi-Gen

Abstract:

Anti-implantation effect of Anordrin in rabbits: A single dose of Anordrin (10.5 mg/kg) was orally administered on day 1 post coitum. Laparotomy was performed on day 11 to examine the number of corpus luteum and implantation sites. The number of implantation sites in the control group was 9.7±1.6, but that in the treated group was 0.3±0.3 (X±SE) Effect of Anordrin on termination of early pregnancy in rabbits: Rabbits were fed consecutively 3 doses of Anordrin (5 mg/kg/d) on days 7,8 and 9 post coitum. On day 17 post coitum laparotomy was performed to examine the development of embryos, the number of normal and absorbed fetuses was recorded. The number of fetuses in the control group was 9.8±1.1, but that in the treated group was 0.2±0.2, dead fetuses 7.4±0.5 Plasma changes of progesterone is relevant to the termination of early pregnancy and pseudopregnancy in rabbits treated with Anordrin. The plasma concentration of progesterone levels started to decrease on the eleventh day after mating. The plasma concentration of progesterone levels was found to fall precipitously on day 9 after treatment with 100 IU of hCG.

Keywords: Anti-implantation Termination of early pregnancy Anordrin Progesterone Luteolytic Pregnancy

收稿日期 1984-05-17 修回日期 网络版发布日期

DOI:

基金项目:

通讯作者:

作者简介:

参考文献:

本刊中的类似文章

1. 何怀冰;孙时良;刘德林;郑惠娥.HPLC-MAXPLOT UV检测法测定血清中丹那唑及其代谢产物[J]. 药学报, 1988,23(9): 698-702
2. 娄小娥;周慧君;.青蒿琥酯对大鼠孕酮、雌二醇和蜕膜组织的影响[J]. 药学报, 2001,36(4): 254-257
3. 朱宝亭;褚云鸿.LHRH-A对孕中期大鼠抗妊娠作用的研究[J]. 药学报, 1990,25(7): 490-493
4. 徐继红;章元沛.二氢青蒿素与青蒿琥酯的抗孕作用[J]. 药学报, 1996,31(9): 657-661
5. 芮建中;杨友春;王亦流1;陈刚.硫酸镁治疗妊娠高血压综合症的群体药动学—药效学[J]. 药学报, 1996,31(2): 81-85

扩展功能

本文信息

- ▶ Supporting info
- ▶ PDF(289KB)
- ▶ [HTML全文]
- ▶ 参考文献

服务与反馈

- ▶ 把本文推荐给朋友
- ▶ 加入我的书架
- ▶ 加入引用管理器
- ▶ 引用本文
- ▶ Email Alert
- ▶ 文章反馈
- ▶ 浏览反馈信息

本文关键词相关文章

- ▶ 妊娠
- ▶ 抗着床
- ▶ 抗早孕
- ▶ 双炔失碳酯
- ▶ 孕酮
- ▶ 溶黄体

本文作者相关文章

- ▶ 顾锡根

PubMed

- ▶ Article by

文章评论 (请注意: 本站实行文责自负, 请不要发表与学术无关的内容! 评论内容不代表本站观点.)

反馈人	<input type="text"/>	邮箱地址	<input type="text"/>
反馈标题	<input type="text"/>	验证码	<input type="text" value="2589"/>